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Fee Transmittal for FY 2001 <i>Patent fees are subject to annual revision.</i>		<i>Complete if Known</i>	
O I P U. S. PATENT & TRADEMARK OFFICE SEP 27 2001		Application Number	09/830,230
		Filing Date	April 24, 2001
		First Named Inventor	CHOI et al.
		Examiner Name	Not assigned
		Group Art Unit	Not assigned
Total amount of payment	\$0.00	Attorney Docket Number	PB481US

METHOD OF PAYMENT		FEE CALCULATION (continued)																												
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 20%;">Large Entity</th> <th style="text-align: left; width: 20%;">Small Entity</th> <th colspan="2" style="text-align: center;">Fee Description</th> <th style="text-align: center;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description		Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)		105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification
Large Entity	Small Entity					Fee Description		Fee Paid																						
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127	50					227	25	Surcharge - late provisional filing fee or cover sheet																						
139	130	139	130	Non-English specification																										
Deposit Account Number 08-3425																														
Deposit Account Name Human Genome Sciences, Inc.																														
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17																														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27																														
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other*																														
FEE CALCULATION																														
1. BASIC FILING FEE																														
Large Entity		Small Entity		Fee Description	Fee Paid																									
Fee Code	Fee (\$)	Fee Code	Fee (\$)																											
101	710	201	355			Utility filing fee																								
106	320	206	160			Design filing fee																								
107	490	207	245			Plant filing fee																								
108	710	208	355			Reissue filing fee																								
114	150	214	75			Provisional filing fee																								
SUBTOTAL (1)		\$0.00																												
2. EXTRA CLAIM FEES																														
		Extra Claims	Fee from below	Fee Paid																										
Total Claims	21	-21*	0	\$18.00																										
Independent Claims	5	-5	0	\$80.00																										
Multiple Dependent				\$270.00																										
Large Entity		Small Entity																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																											
103	18	203	9	Claims in excess of 20																										
102	80	202	40	Independent claims in excess of 3																										
104	270	204	135	Multiple dependent claim, if not paid																										
108	80	209	40	** Reissue independent claims over original patent																										
110	18	210	9	** Reissue claims in excess of 20 and over original patent																										
SUBTOTAL (2)		\$0.00																												
** or number previously paid, if greater; For Reissues, see above																														
* Reduced by Basic Filing Fee Paid																														
SUBTOTAL (3) \$0.00																														

Complete (if applicable)			
Submitted By			
Name (Print/Type) Mark J. Hyman		Registration No.: 46,789	Telephone 240-314-1224
Signature: <i>M.J. Hyman</i>		Date: September 27, 2001	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/830230	WEISBURG	W PB481US

HUMAN GENOME SCIENCES
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

INTERNATIONAL APPLICATION NO.

PCT/US98/12718

I.A. FILING DATE PRIORITY DATE

18 JUN 98

20 JUN 97

27 JUL 2001

DATE MAILED:

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494) an Elected Office (37 CFR 1.495):

<input checked="" type="checkbox"/> U.S. Basic National Fee.	<input type="checkbox"/> Indication of Small Entity Status.
<input checked="" type="checkbox"/> Copy of the international application.	<input type="checkbox"/> Translation of the international application into English.
<input checked="" type="checkbox"/> Oath or Declaration of inventors(s).	<input type="checkbox"/> Translation of Article 19 amendments into English.
<input type="checkbox"/> Copy of Article 19 amendments.	<input type="checkbox"/> Other:
<input type="checkbox"/> Priority Document.	
<input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any.	
<input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.	

2. Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

U.S. Basic National Fee. Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$ _____ as a large entity small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes MUST be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.

7. The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed: PCT/DO/EO/917
 PTO-875

Notice of Defective Translation
 PCT/DO/EO/920

Barbara A. Campbell

Telephone: 703-305-3631